

FIG. 1

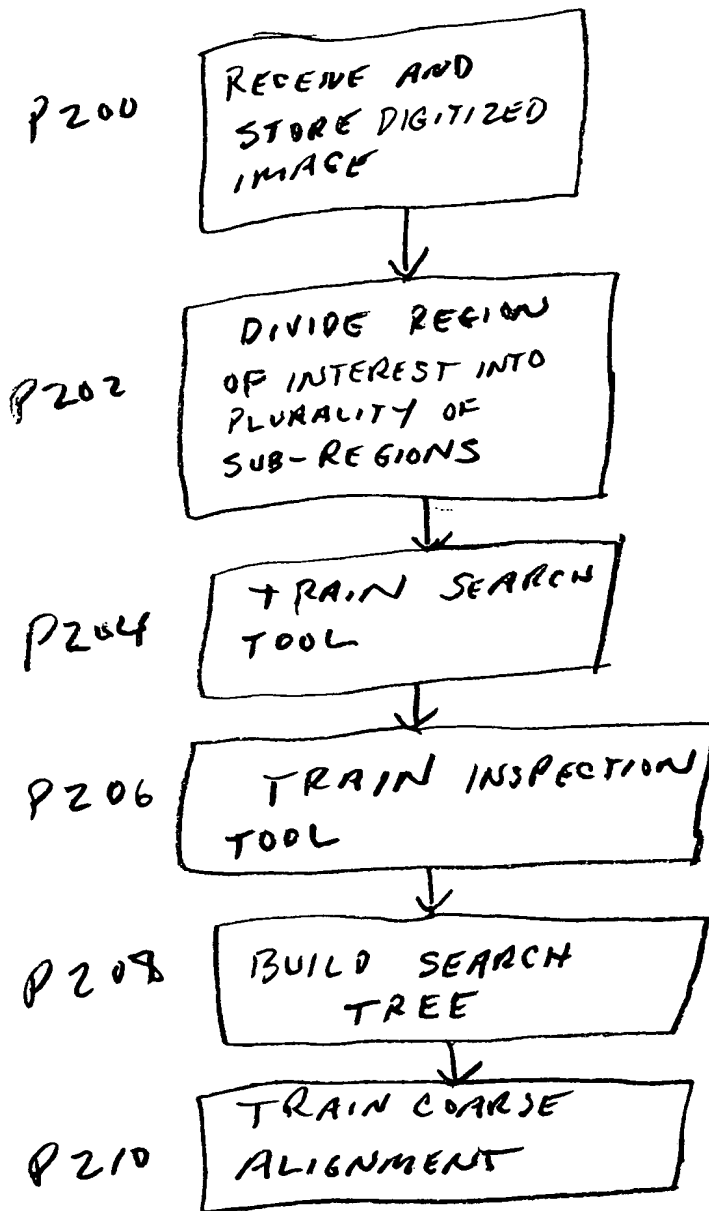


Fig 2

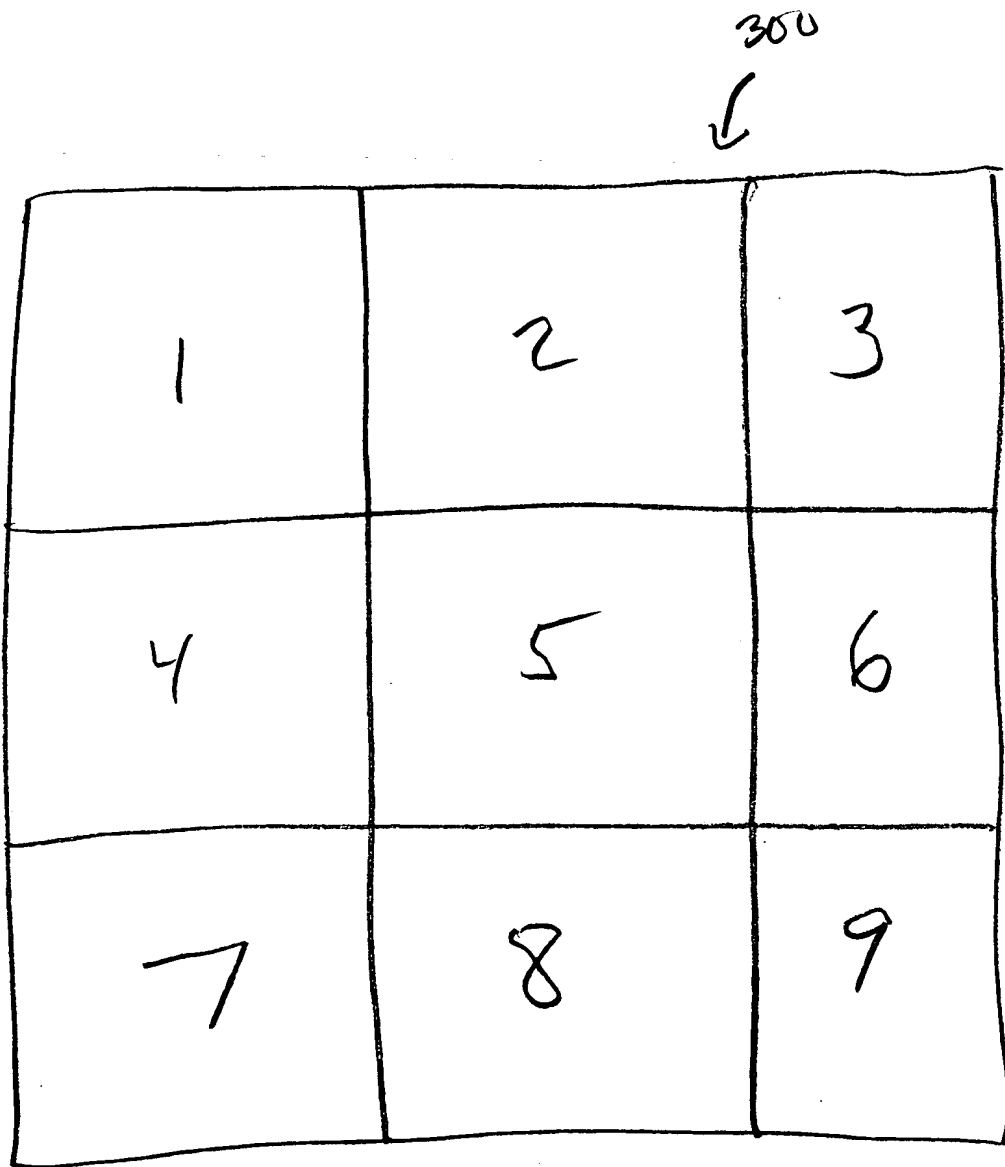


FIG. 3

P400 RUN COARSE
ALIGNMENT TO
APPROXIMATELY
LOCATE PATTERN

P402 USE SEARCH TREE
TO LOCATE SUB-
REGIONS IN ORDER

P404 INSPECT EACH
SUB-REGION

P406 COMBINE
DIFFERENCE
IMAGES

P408 COMBINE MATCH
IMAGES

P410 COMBINE LOCATION
INFORMATION TO
PRODUCE DISTORTION
VECTOR FIELDS FOR
EACH OF THE
SUB-REGIONS

P412 COMPARE DISTORTION
VECTOR FIELDS AGAINST
USER SPECIFIED
TOLERANCES

FIG. 4

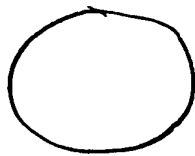


FIG. 5A



FIG 5B



FIG 5C



Fig 5D

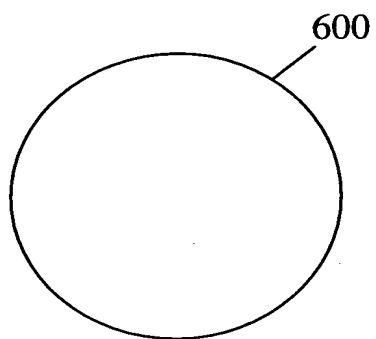


FIG. 6A

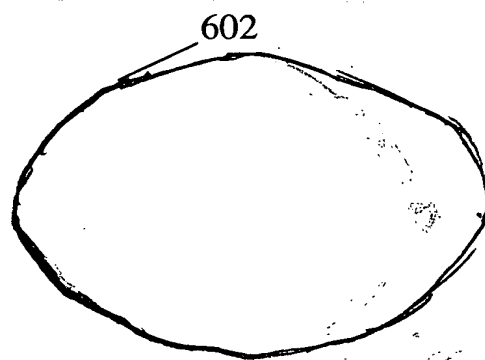


FIG. 6B

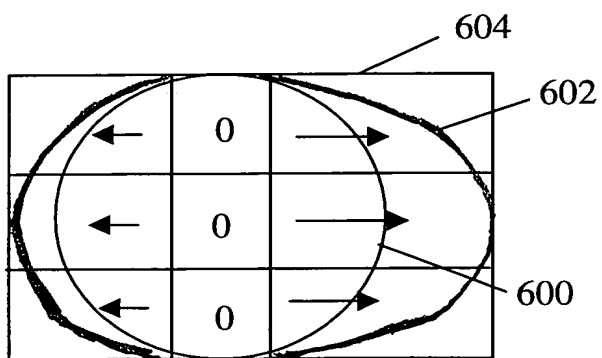


FIG. 6C